



Call for Participation

Date: Ago 8, 2019

Time: 13:00

Place: LISHA Joinville

SES 2019 - Workshop on Smart Embedded Systems

Data is bringing new perspectives to the design of **Connected Embedded Systems**. From optimization to security, the very own data produced by such systems to operate now enable them to adapt to specific conditions. The Workshop on **Smart Embedded Systems** (SES) brings together researchers on the subject, including invited talks by [Prof. Lucas Wanner](#) (UNICAMP) and [Prof. Marco Wehrmeister](#) (UTFPR).

12:58 Opening

13:00 **New Adventures in Lo-Fi**

Prof. Lucas Wanner

13:50 *Non-Intrusive Multicore Monitoring*

[José Luis Conradi Hoffmann](#)

14:10 *Sensed Data Confidence*

[Roberto Scheffel](#)

14:30 *Anomaly Detection in Multicore Systems*

[Leonardo Passig Horstmann](#)

14:50 *Application of Machine Learning to Fault Detection in AUVs*

[Felipe Adachi](#)

15:10 *Sistema de Documentação e Acompanhamento Contínuos para o Desenvolvimento de Sistemas Ciberfísicos*

[Lucas Henrique Alves Feitosa](#)

15:30 *IoT Gateway Integrity*

[Mateus Lucena](#)

15:50 Coffee Break

16:00 **Applying Model-Driven Engineering in the (co-)Design of Real-Time Embedded Systems**

Prof. Marco Wehrmeister

16:50 *Fusão de Dados Inerciais*

[Victor Wilvert](#)

17:10 *Sensores para Previsão de Geração de Energia Fotovoltaica*

[Angelo Abdallah Pelisson](#)

17:30 *Geração de Energia Termoeletrica em Microsatélites*

[Thiago Martins](#)

17:50 **Computação biológica**

Prof. Rafael Cancian

18:20 Closing

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